

Dean Engelhardt et al.

Serial No.: Not Yet Known

Filed: Herewith

Page 2 (Preliminary Amendment Accompanying Request for
Continuation Application Under 37 C.F.R. §1.60-September 30, 1992)

AMEND THE ABOVE-IDENTIFIED APPLICATION AS FOLLOWS:

in The Specification.

Page 1, between the Title and the "BACKGROUND OF THE INVENTION"
amend lines 2-6 to read as follows:

--REFERENCE TO OTHER RELATED APPLICATIONS

This is a continuation of U.S. Serial No.
07/548,348, filed on July 2, 1990, which is a
divisional application of U.S. Serial No.
07/140,960, filed on January 5, 1988 (now
abandoned), which is a continuation of U.S. Serial
No. 06/674,352, filed on November 21, 1984
(abandoned), which is a continuation of U.S. Serial
No. 06/391,440, filed on June 23, 1982
(abandoned).

Page 2, line 1, change "quantatively" to --quantitatively--.

Page 2, line 18, between "April 17, 1981." and "The disclosures of
this" insert the following sentence:

-- Serial No. 255,223 was abandoned in favor of continuation
application, U.S. Application Serial No. 496,915, filed on
May 23, 1983, now U.S. Patent No. 4,711,955. Therefore,
the disclosure of U.S. Patent No. 4,711,955 is herein
incorporated by reference and made part of the instant
disclosure.--

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Page 3, sixth line from the bottom of the page, change
"emcompassed" to --encompassed--.

Delete the following portion of the specification:
Page 4, line 1, through page 52, line 18.

Page 11, line 18, after "action with" and before "polypeptide"
insert --a--.

Page 11, line 22, after "formation with" and before "polypeptide"
insert --a--.

Page 16, line 1, change "sa" to --same--.

Page 17, line 6, change "pH's" to --pH levels--.

Page 24, line 9, after "In general" insert a comma --,--.

Page 30, fourth line from the bottom, change "hybrization"
to --hybridization--.

Page 38, line 12, change "andz" to --and z--.

Page 52, lines 20 and 21, change "The aforementioned publications
are herein incorporated and made part of this disclosure" to read as
follows:

-- The publications cited in the aforementioned U.S.
Patent No. 4,711,955 are also herein incorporated
and made part of this disclosure. --

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Page 90, 7th line from the bottom of the page, after "F moiety" and
before the comma ","

insert --(also designated hereinbelow as "PM")--.

Page 90, 6th line from the bottom, after the first word in the line
"moiety" and before the comma ",", insert

--(also designated hereinbelow as "SM")--.

Page 90, 6th line from the bottom, after "a base B moiety" and
before the comma "," insert

--(also designated hereinbelow as "BASE")--.

Page 90, 4th line from the bottom, after "P, S or B moiety" and
before the comma "," insert

--(referred to hereinbelow as "PM," "SM"
and "BASE," respectively)--.

Page 90, 3rd line from the bottom, after "various base B moieties"
insert --(BASE)--.

Page 93, line 3, after "B moieties" and before the comma ",",
insert --(PM, SM and BASE, respectively)--.

Page 93, line 4, after "and/or B moieties" and before the period "."
insert --(PM, SM and BASE, respectively)--.

Page 93, line 9, before the first word of the line "wherein"
insert --(PM - SM - BASE - Sig)--.

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Page 93, line 9, after "P" insert --(PM)--.

Page 93, line 10, after "S" insert --(SM)--.

Page 93, line 11, after "the base moiety" insert --(BASE)--.

Page 93, line 12, after "P" and before "is attached" insert --(PM)--.

Page 93, line 13, after "S moiety" insert --(SM)--.

Page 93, line 15, after "base B moiety" insert --(BASE)--.

Page 93, line 17, after "S moiety" insert --(SM)--.

Page 93, line 19, after "B moiety" insert --(BASE)--.

Page 93, line 23, after "P - S - B - Sig"
 insert --(PM - SM - BASE - Sig)--.

Page 93, last line, after

$$\begin{array}{c} \text{"Sig"} \\ | \\ \text{P} - \text{S} - \text{B} \end{array}$$

insert

$$\begin{array}{c} - - \text{"Sig"} \\ | \\ \text{PM} - \text{SM} - \text{BASE} \end{array} - - .$$

Page 94, line 3, after "phosphoric acid moiety" insert --(PM)--.

Page 94, line 4, after "sugar S moiety" insert --(SM)--.

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Page 94, line 5, after "base B" insert --(BASE)--.

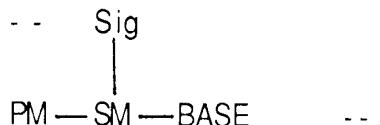
Page 94, line 6, after "sugar S moiety" insert --(Siv)--.

Page 94, line 6, after "base" insert --(BASE)--.

Page 94, line 8, after "sugar S moiety" insert --(SM)--.

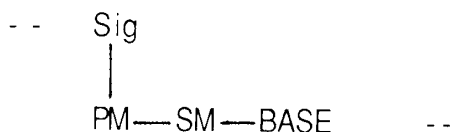
Page 94, line 9, after "S moiety" insert --(SM)--.

Page 94, line 17, after "P - S - B" insert the following



Page 94, line 19, after "moiety," insert --(SM)--, both occurrences.

Page 94, line 26, before the first word in the line "wherein" insert
the following:



Page 94, line 26, after "P" insert --(PM)--.

Page 94, line 27, after the first word in the line "moiety"
insert --(SM)--.

Page 94, line 27, after "B" insert --(BASE)--.

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Page 94, line 28, after "the P moiety" insert --(PM)--.

Page 94, line 29, after "the S moiety" insert --Siv--.

Page 94, line 31, after "The base B" insert --(B)--.

Page 94, line 32, after "the B moiety" insert --(BASE)--.

Page 95, line 1, after "said B moiety" insert --(BASE)--.

Page 95, line 4, after "moiety" insert --(PM)--.

Page 95, line 10, after "P moiety" insert --(PM)--.

Page 95, line 19, after "P - S - B - Sig" and before the comma ","
insert --(PM — SM — BASE — Sig)--.

Page 95, line 21, after "moiety" and before "at" insert --(BASE)--.

Page 95, line 22, after "moiety" and before "is" insert --(BASE)--.

Page 95, line 23, after "the B moiety" insert --(BASE)--.

Page 96, line 5, after "acid moiety P" insert --(PM)--.

Page 96, line 5, after "sugar moiety S" insert --(SM)--.

Page 96, line 5, after "base moiety B" insert --(BASE)--.

Page 96, line 6, after "P-S-B" insert --(PM - SM - BASE)--.

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Page 96, line 11, after "the P moiety" insert --(PM)--.

Page 96, line 11, after "the S moiety" insert --(Sivi)--.

Page 96, line 12, after "the B moiety" insert --(BASE)--.

Page 96, line 13, after "P-S-B" insert --(PM - SM - BASE)--.

Page 96, line 15, after "P-S-B" insert --(PM - SM - BASE)--.

Page 96, fourth line from the bottom of the page,
change "peroxidase or" to --peroxidase, --.

Page 96, third line from the bottom of the page,
change "nuclease." to
--nuclease, acid phosphatase or beta-galactosidase.--

Page 97, 10th line from the bottom of the page, after "base B
component" and before "therein" insert --(BASE)--.

Page 97, 9th line from the bottom, after "the sugar S component" and
before "therein" insert --(SM)--.

Page 97, 8th line from the bottom, after "component" and before
"thereof." insert --(PM)--.

Page 97, last line, after "255,223" and before the period "." insert
-- now U.S. Patent No. 4,711,955 --.

Page 98, line 7, after "S or B moieties"
insert --(PM, SM or BASE, respectively)--.

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Page 103, line 13, after "P" insert --(PM)--.

Page 103, line 13, after "S" insert --(SM)--.

Page 103, line 14, after "B" insert --(BASE)--.

Page 103, line 16, after "P, S or B moieties"
insert --(PM, SM or BASE)--.

Page 104, line 6, after "S, B and Sig" and before the comma ","
insert --(PM, SM, BASE and Sig, respectively)--.

Page 104, line 18, after the first word in the line "Sig" and before
"and especially" insert the following
--PM—SM—BASE—Sig --.

Page 105, line 8, after "Sig components" and before "wherein"
insert --(PM, SM, BASE and Sig)--.

Page 105, line 10, after "moieties"
insert --(PM, SM and BASE, respectively)--.

Page 105, line 15, after "Sig-containing"
insert --(PM, SM, BASE and Sig, respectively)--.

Page 105, line 23, after "P, S, B" insert --(PM, SM, BASE)--.

Page 110, line 9, after "the sugar S" insert --(SM)--.